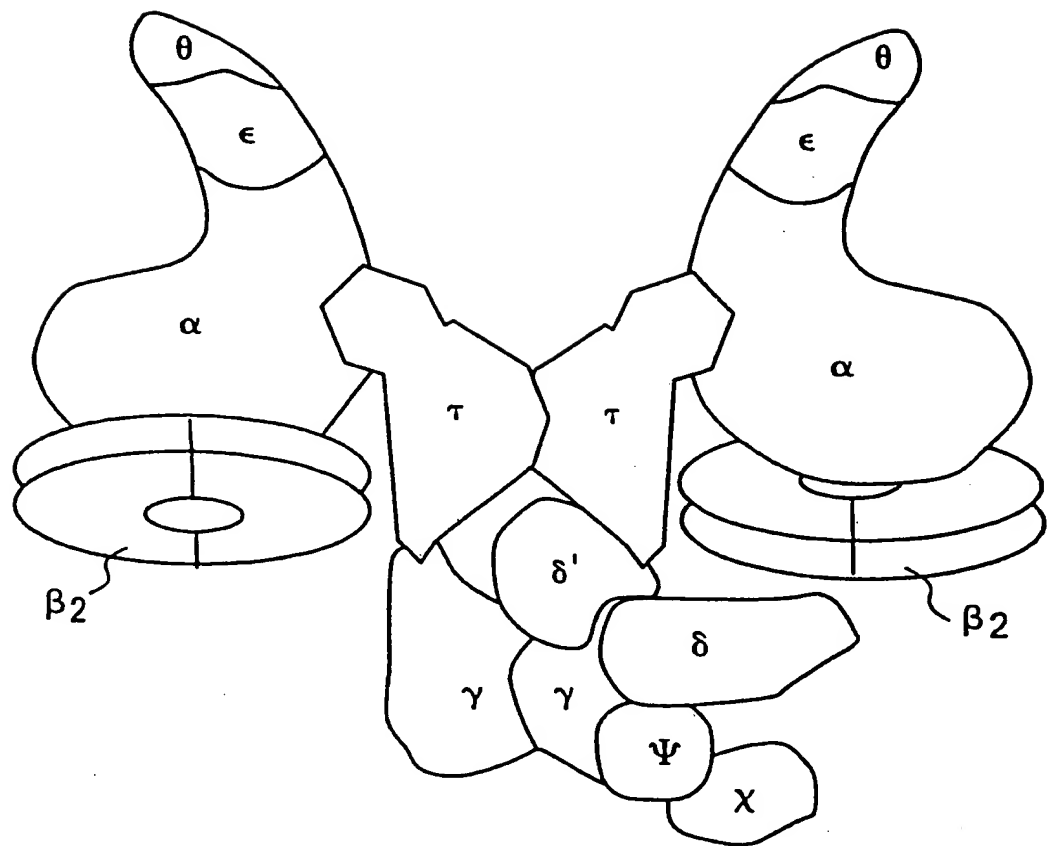


REPLACEMENT  
SHEET



FIG.1



E. coli  
MSYQVLARKWRPQTFADVVGQEHVLTALANGLSLGRIHHAYLFSGTRGVGKTSIARLLAK

B. subtilis  
MSYQALYRVFRPQRFEDVGQEHITKTLQNALLOKKFSHAYLFSGPRGTGKTSAAKIFAK

E. coli  
GLNCETGITATPCGVCDNCREIEQGRFVDLIEIDAASRTKVEDTRDLLDNVQYAPARGRF  
B. subtilis  
AVNCEHAPVDEPCNECAACKGITNGSISDVIEIDAASNNGVDEIRDVKVFPASVTV  
\*\*\* \*\* \* \* \* \* \* . . . . . \* \* \* \* \* . . . . .

E. coli  
KVYLIDEVHMLSRHSFNALLKTLPEPPEHVKFLLATTDPQKLPVTILSRCLQFHLKALDV

B. subtilis  
KVYIIDEVHMLSIGAFNALLKTLPEPPEHCIFILATTEPHKIPLTIISRCQRFDFKRITS

FIG. 2